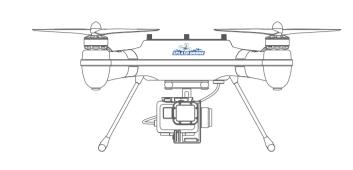


Splash Drone Quick Guide

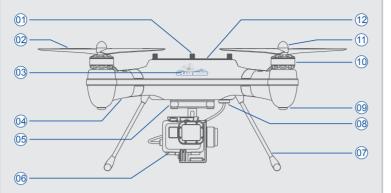
V1.0





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Splash Drone



- 1. Cover screw
- 2. Prop
- 3. Aircraft Nose
- 4. Flight Indicator LED5. Gimbal Damper ball
- 6. Waterproof Gimbal

- 7. Land Gear
- 8. Seal Screw
- 9. Rubber Root
 - Tubbel 1000
- 10. Motor
- 11. Prop Nut
- 12. Seal Cover

13. Cancel Key

12. Power Switch

- 14. OK Key
- 15. Right trims
- 16. Right Stick
- 17. Right trims
- 18. Switch B(SWB.
- 19. VRB
- 20. Handle
- 21. Trainer Jack
- 22. Battery cover

Safety Guide 1 Obey relevant regulati

- 1. Obey relevant regulations of the International Civil Aviation Organization and local airspace control law and UAV management rules. Forbid flying in any no-fly zones.
- 2. When flying the Splash Drone always keep it in an open area without buildings, trees and obstacles.
- 3. Keep 3-5 meters away from you and others. Do not operate close to crowds.
- 4. Before flight need calibrate the aircraft and Remote Controller
- 5. If detect abnormal operation while using the Splash Drone and/or remote controller please stop using immediately
- 6. Before flight, ensure the propllers are installed in correct direction and firmly on motor
- 7. Do not attempt to touch the motor until motors stop rotating.
- 8. If use WiFi Sport camera with aircraft. please disable WiFi function
- before flight. Wifi should not be used in the area of flying.
- If aircraft has low battery, land immediately to avoid damage.
 Do not move aircraft for 6-10 seconds after powering on aircraft.
- 11.If loss of radio signal occours, aircraft will enter into Auto Return Home mode automatically; If signal is received again, please switch to GPS mode control aircraft.

Forbidden flight conditions:

- a. Forbid flying nearby strong radio interference activity areas.
- b. Forbid flying nearby any crowds.
- c. Forbid flying in extreme weather, like heavy rain, thunderstorms or conditions causing poor visual range
- d. Forbid flying around strong magnetic fields
- e. Forbid flying when you are tired or affected by alcohol.
- f. Forbid flying when remote controllor can not control aircraft due to any other reasons

Splash Drone

n Drone Quick Guide

1. Start:

- a. Check the all aircraft parts are in good condition
- b. Ensure aircraft and remote controller battery are full
- c. Before flight, please calibrate aircraft and remote controller

2. Ready for remote controller

Before powering on remote controller, ensure all switch are in default position. If any switch is in the incorrect position, the controller will make "BB—BB—BB"warning noises.

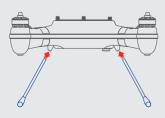
SWA and SWB should be in position 1 (top position)
left and right stick are to be kept in the

3. Ready for Splash Drone

a. Land Gear

neutral position.

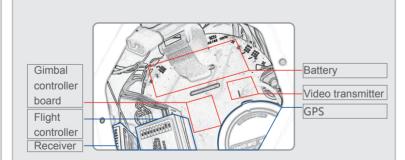
Insert land gear to the bottom of the aircrafts aluminum brackets and ensure installation is firm.



Splash Drone

Quick Guide

Suggestion Installation



b. Gimbal

1. Uninstall the seal screw under the aircraft

2. Push VTX cable(3PIN), IMU cable(4PIN), Gimbal Roll direction control cable M1 (3PIN) and Gimbal Pitch direction control board M2(3PIN) through the hole and tighten seal screw fix firmly

- 3. VTX. IMU. M1. M2 cable connect to the VTX module and gimbal control board corresponding ports as labelled
- 4. Gimbal board power cable connects with main board "12V Out JST", pitch control (green cable) connects to receiver CH5. Roll control (blue cable) connects to receiver CH6. Ground (black cable) connects to CH5 or CH6 ground port

Splash Drone

1. Antenna

4. Hanger

5. Left trims

6. Left Stick

7. Left trims

9. Down Key

10. Binding Key

11. LCD Display

8. Up Kev

3. Switch A(SWA)

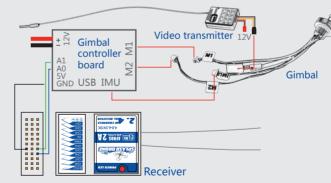
2. VRA

Remote Controller

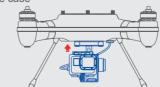
(07)

Quick Guide

5. Install gimbal control board between fight controller and GPS antenna corresponding location (Back of board installed 3M glue)



- 6. Install gimbal mount to the bottom of aircraft . Adjust to the correct position and use screw to lock firmly.
- 7. Open dive case and connect sport camera AV output port to the AV cable from within the dive case $\,$

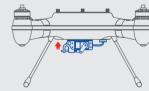


- c. Payload Release (Can not install with gimbal together)
- 1. Uninstall the seal screw
- Push the payload release control cable through the hole and fix firmly with seal screw. Use screws to fix the mechanism to the body firmly.

Splash Drone

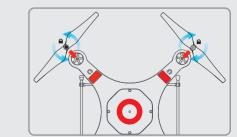
Quick Guide

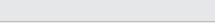
- 3. Use screw through fixed sheave, and choose a correct position lock firmly
- 4. Payload release control cable connects with the receiver at CH5 or CH6. (CH5 controlled by remote controller VRA. CH6 by VRB) $\,$



d. Propellers

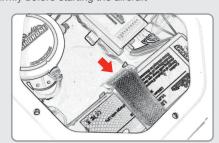
- 1. Put aircraft on a flat level surface
- 2. Install the sliver nut propellers with motor marked "CCW" . and Black nut propellers with " CW " motor. ensure all propellers tighten firmly .







Splash Drone



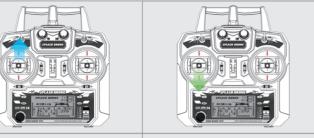
4. Remote Controller Joystick Calibration

Calibration situation

- 1. First time using the remote controller.
- 2. When the joystick is in middle position, but aircraft flies sideslip.
- 3. Remote controller crash occurs.

Joystick Calibration Process	LED Flashing
1. Turn on remote controller. and power	
off aircraft	
2. Push throttle joystick to the top	
neutral position. Power on aircraft. wait	000000
for 5-10 seconds. blue LED intermittent	
flashing	
3. Pull throttle joystick to the lowest	
neutral position. when the blue LED	••••••
stops flashing. and become normal	
status. Joystick calibration done.	

Splash Drone Quick Guide



Power off aircraft. push throttle joystick to the top neutral position Power on aircraft. pull throttle joystick to the lowest neutral position till bule LED flashing

5. Compass Calibration

Calibration Situation

- 1. First time using the aircraft
- 2. More than 100 km from the last calibration.
- 3. Crash occurs
- 4. If aircraft parameters have been changed.
- 5. When aircraft shakes or has twitching motions

Compass Calibration Process	LED Flashing
Turn on remote controller and aircraft. keep throttle at the lowest neutral position.	
2. Quickly move SWA fully up and down 6-10 times till the green LED fast flashing continuously.	0 0 0 0 ······

06

Splash Drone Quick Guide

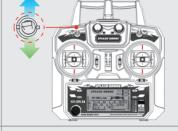
3. Put aircraft in a horizontal position and continuous rotation in **.....** clockwise 2 circles (720 degrees). till the green LED slowly flashing. 4. Turn aircraft head down; keep the vehicle vertical and continuous rotation in clockwise 2 circles (720 degrees). till the green LED

stop flashing. and become normal

Image

status

Quickly move SWA fully up and down Green LED fast flashing



Put aircraft in horizontal position; rotate in clockwise 2 circles till green LED slow flashing



6. Aircarft Horizontal Position Calibration

Calibration situation

Splash Drone

Turn aircraft head down.

circles till green LED stops

rotation in clockwise 2

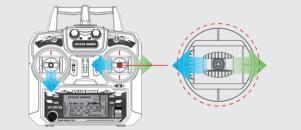
flashing

- 1. First time using the aircraft
- 2. Aircraft is not horizontal flying in the air.
- 3. Aircraft sideslips in ATTI mode with nil wind condition
- 4. Aircraft Crash Occurs

Horizontal Position Calibration	LED Flashing
1. Put aircraft on horizontal	
ground.	
2. Pull Throttle stick in lowest	
neutral position.	
3. Quickly left and right move	
the pitch joystick. till LED	
become Red. Blue. Green	
flashing	

Splash Drone

Quick Guide



Pull left joystick to the lowest neutral position, quickly left and right move the pitch joystick. till LED become Red. Blue and Green flashing.

7. FPV monitor









8. Prepare

▲ Notice:

Defult remote controller is Mode 2. if need mode 1. (Check user manual)

Splash Drone







Right Stick





Quick Guide

9. Launch(Outdoor)

- 1. Place aircraft in an open area without buildings or trees, and keep 3-5 meters away from you and others
- 2. Ensure Remote controller connect aircraft well
- 3. Pull both sticks to their lowest neutral position corners as indicated in the diagram on the right side to unlock
- 4. Slowly raise throttle stick to start flying



▲ Notice:

1. Power on aircraft, it will enter a self-check test. Please make sure there is no movement on the aircraft in this period(6-10 Seconds).

2. Aircraft satellite indications: 6 satellites - 2 red LED flashing. 7 satellite - 1 red LED flashing and over 8 satellite no red LED flashing.

Splash Drone

We strongly recommend aircraft search over 6 satellites before starting

3. In flying process do not stop motors for any reason.

Lock/Unlock motor









Quick Guide

Lock/Unlock IV

10. Landing(Outdoor)

- 1. Slowly pull down throttle stick until the aircraft lands on the ground
- 2. Please keep throttle stick in the lowest position for over 5 seconds to allow motors to lock after landing
- 3. After motor stop rotating, shut down aircraft power
- 4. Power off Remote controller

▲ Notice:

- 1. Please land aircaft in an open area
- 2. If aircraft lands in Tree's or any other abnormal place, lock motors immediately to avoid motor and ESC burnout.
- 3. After aircarft lands on the ground keep remote controller throttle stick in lowest neutral position until motors stop rotating



Splash Drone

Quick Guide

Quick Guide

Specification

Splash Drone & Battery & Transmitter Specification

Splash Drone

1750Kg Weight (Battery & Propellers Included) 0.2 m Hover Accuracy Max Yaw Angular Velocity 30° Max Tilt Angle 30° 4 m/s Max Ascent / Descent Speed

Max Flight Speed 6m/s (GPS Mode)

WheelBase 450mm

19 Mins (4500mah) Flight Time

Max Take-Off Weight 2. 5Ka **Operating Temperature** -10C°to 60C°

Battery

Channels

Battery Type Lipo Battery Capacity 14. 8V 4500mah 0C°to 40C° Charging Environment Range **Charging Time** 60minutes

Remote Controller

Weight 390g 2405 to 2475HMZ Operating Frequency Communication Distance (Open Area) 1.0 KM Receiver Sensitivity (1%PER) -105dbm Working Current/Voltage 120 mA Battery 1. 5V AA*4

8 channels